# Mio Cyclo™ V4 software improvements

Cyclo™ Series

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# Key improvements at a glance:

## Cyclo™ 500 series - Always connected:

- **Phone connectivity** - you can now connect your iPhone or Android™ device to your Cyclo™ 500 and 505 via Bluetooth®, to receive incoming calls and see who is calling. You are able to read incoming texts and even answer calls when wearing a headset with microphone (wired or Bluetooth®).
- **Music control** - control your music: play, pause, stop and next song and more!
- **Voice instructions** - if the sounds alerts are not enough, you can now listen to voice instructions via your headset.*
- **Bluetooth® heart rate & speed-cadence sensors** are now supported.

## Cyclo™ 505 - actual resistance for indoor training and more:

- The Cyclo™ 505 is now able connect to the ANT+ trainers Elite digital Qubo, Tacx Bushido and Tacx Genius, and during indoor navigation (from A to B, any track or any Surprise Me route), the Cyclo™ 505 will provide the corresponding resistance to your indoor trainer. Ride the Tour de France, right there in your own living room.
- **Improved power meter support** - Cyclo™ ANT+ devices now work with Quarq, SRM and CycleOps Powertap.

## Cyclo™ 305, 315 and 505 - Shimano Di2 support and more:

- **Connect your Cyclo™ with the Shimano Di2 electronic bicycle shifting systems** - Cyclo™ 305, 315 and 505 devices can now read and record shift information from the Shimano Di2 electronic shifting units. When using the new Di2 Wireless Unit (required), you can view your current gearing and battery status on your device and analyse the gear data after your ride.
- **Improved sensor handling** - connected sensors are linked to your profile exclusively.

## Cyclo™ 300, 310 and 500 series - Where Am I function and more:

- **Where am I function** - displays the exact location of where you are. So in case of emergency, this function shows your current address, along with longitude and latitude. You can even send an SMS to a contact, directly from the same screen.**
- **Improved MTB route calculation** - displays percentage of unpaved roads in your MTB profile for any Surprise Me™ track.
- **Blocked roads** - in case of closed roads, you can easily add a detour. Add the detour via the button directly on the map screen.
- **Main menu changes** – music & connectivity have been added. And you'll notice the improved title bar where the sensor icons will be blinking during pairing.
- **Different map schemes** - choose your own color in navigating.
- **Added odometer** - provides all details on all your rides, both recorded and not recorded.
- **New bicycle OSM update** – the V4 software update comes with a free update of Open Street Maps.

* Android™ only.
** Sending text message is only on Cyclo™ 500 series, and Android™ only.

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# More details on key improvements

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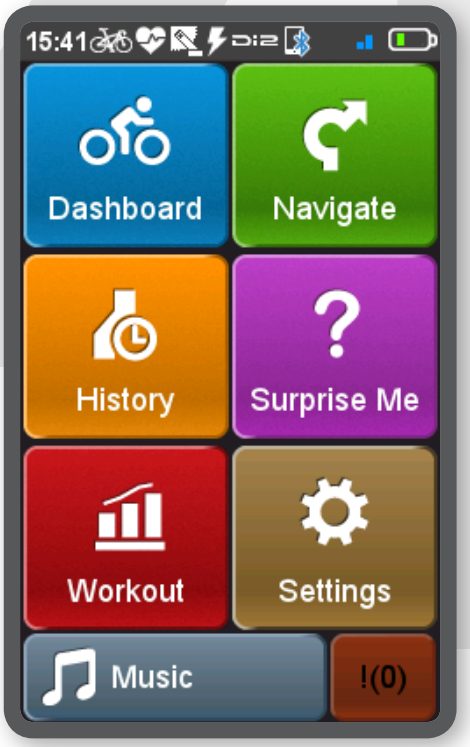
# 1. All Series
# Main menu view

Cyclo™ 300, 310 series
Not connected to phone




Cyclo™ 500 series
Connected to phone

- Improved titlebar - clear overview of which sensors are connected
- During pairing, the sensor icons will be blinking
- Music & Message icon will be available when connected to phone*

* Only for Cyclo™ 500/505

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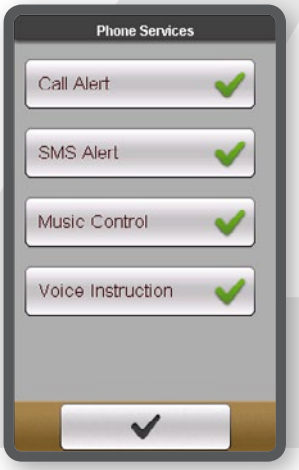
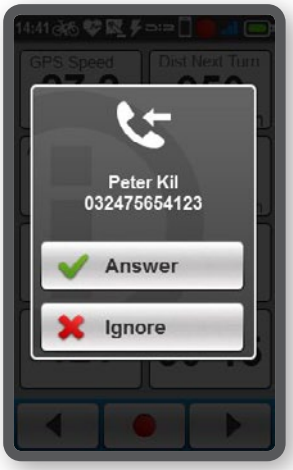
# 2. Cyclo™ 500 series
# Receiving calls & text messages



- Connects your phone to your Cyclo™ 500/505, allowing you to:
  - View who is calling - iPhone & Android™
  - Reading an SMS - iPhone & Android™
- When connected with headset + microphone (wired or BT), a call can be answered

* Function only available on Cyclo™ 500 series, when phone is connected

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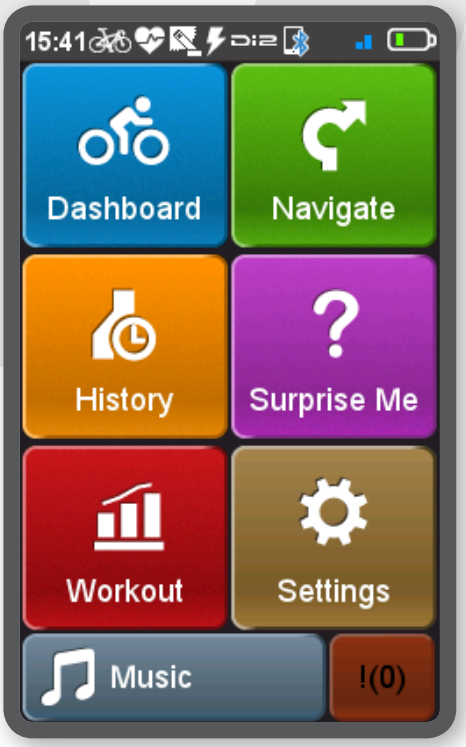
# 3. Cyclo™ 500 series Music Control



- Allows you to control your music - play, pause, stop and next song - iPhone & Android™
- Allow you to control your playlist - go through your playlist to search another song - iPhone only
- Allows you to control your volume - Android™ only

* Function only available on Cyclo™ 500 series, music must be stored on your phone & when phone is connected

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# 4. Cyclo™ 505
# Overview of all possible connections

HR monitor

BLE or ANT+

MioShare™

WIFI

iPhone/Android™

BLE or wired

Cadence

BLE or ANT+

ANT+

ANT+

Power meter

Indoor trainer

Read SMS
Incoming call*
Calling status*
Control music player*
Playlist*
Volume control*
Where am I*

**Listen to/answer:**
- Music
- Voice instructions*
- Phone call

All via wired or BT headset only

* May have different behavior when using an iPhone or Android™ phone

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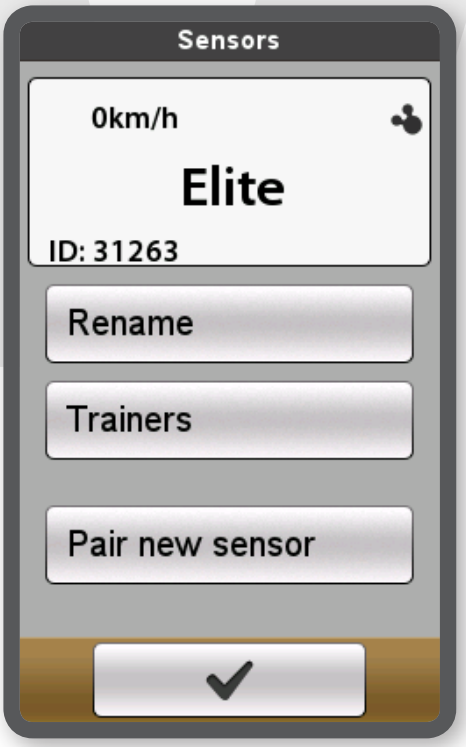
# 5. Cyclo™ 505
# Indoor trainer with actual resistance



- Indoor training was already possible on all ANT+ devices.
- Now the Cyclo™ 505 can connect to ANT+ trainers:
  - Elite digital Qubo
  - Tacx Bushido
  - Tacx Genius
- And during indoor navigation (from A to B, follow a track or Surprise Me™ route), the corresponding resistance will be send to the trainer.

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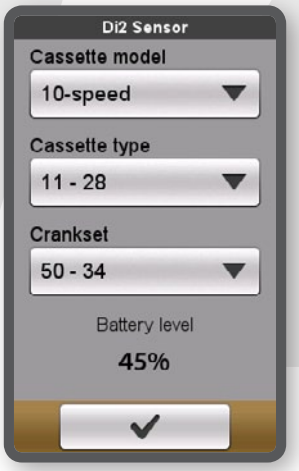
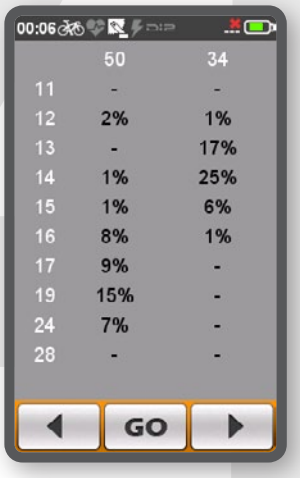
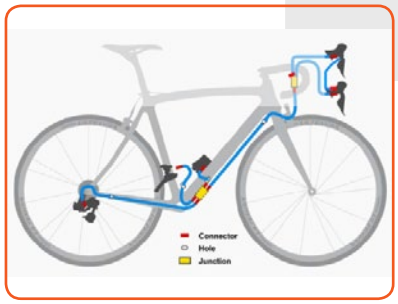
# 6. Cyclo™ 305, 315 and 505 (ANT+ devices) Shimano Di2 support




Di2 setting




Di2 History



Di2 Wireless Unit

- Connect the Cyclo & Di2 electronic bicycle shifting systems, via the new **Di2 Wireless Unit** (required)
- Allows the user to see gear info during a ride
- Di2 gear info will be stored in history & gpx file. Fit file will be supported in v4.1

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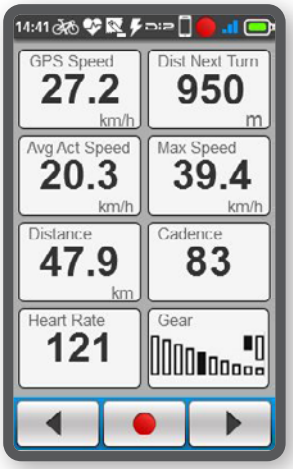
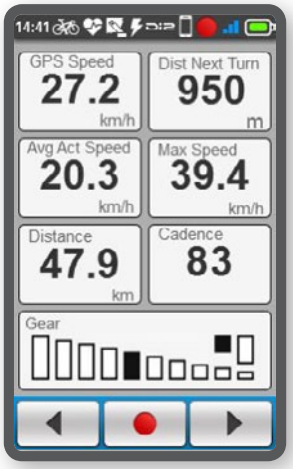
# 6. Cyclo™ 305, 315 and 505 (ANT+ devices) Shimano Di2 support- more info

Gear Position

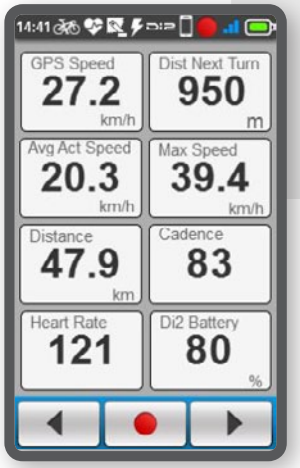
Gear Number




Visual Gear position




Visual Gear position




Battery status

- When Di2 is connected, the above fields will be displayed automatically
- User can select the wanted fields from the dashboard settings
- Shows also the exact Di2 battery level

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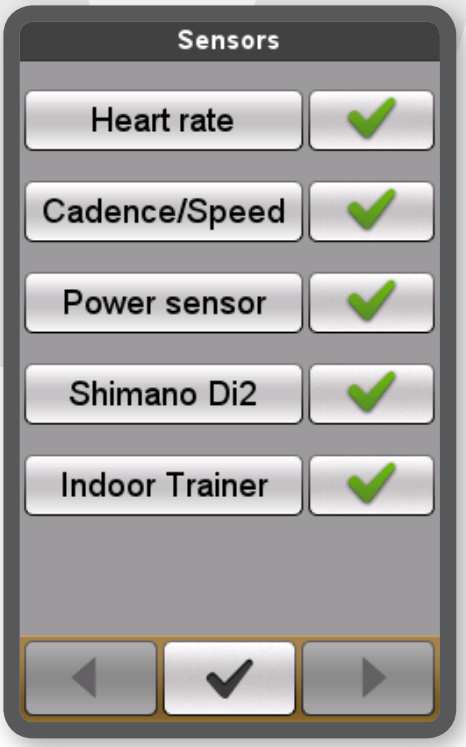
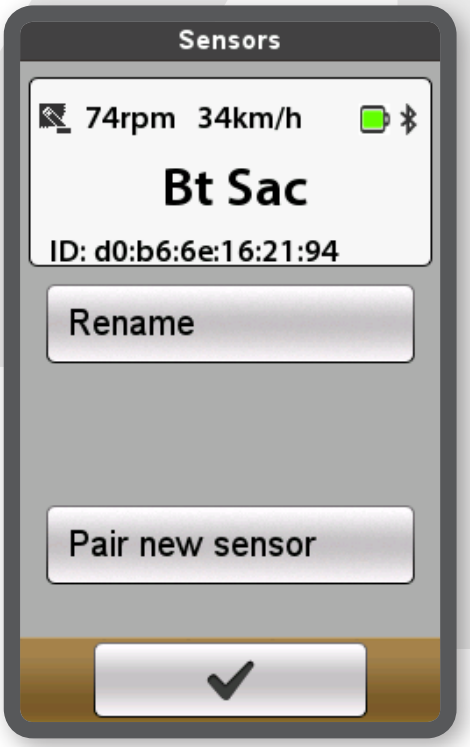
# 7. Cyclo™ 305, 315 and 505 (ANT+ devices) ANT+ improved sensor handling




- Improved overview of the attached sensors - more clarity
- Connected sensors will be linked to your profile - no more accidentally pairing with other devices
- HR & Speed-Cadence Bluetooth® sensors will be supported

* Power meter & Indoor ANT+ trainer support is only available on Cyclo™ 505

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# 8. Cyclo™ 300, 310 and 500 full series "Where am I-function"

- The new "Where am I-function" is the real safety deal. Available on the full Cyclo™ 300, 310 and 500 series, this new function shows the current address, along with longitude and latitude. So when your are stranded in the middle of nowhere and need someone to pick you up, the exact location is instantly shown.
- And it is even possible to send a text to a contact, directly from the same screen - Only on Cyclo™ 500 series, and Android™ only.

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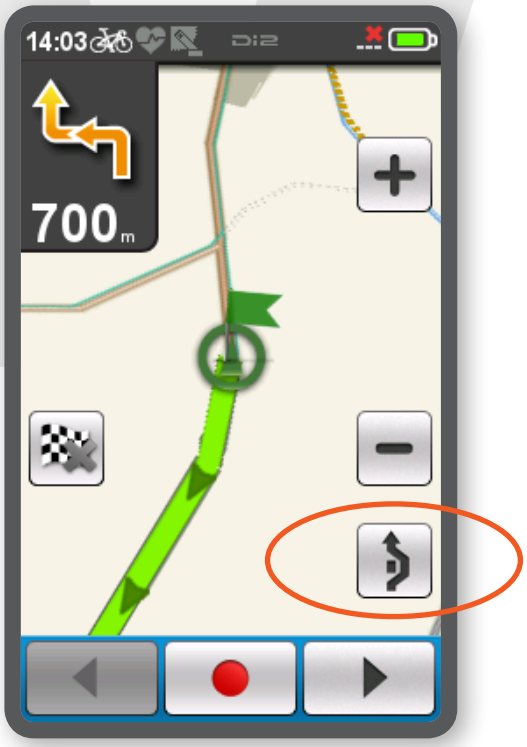
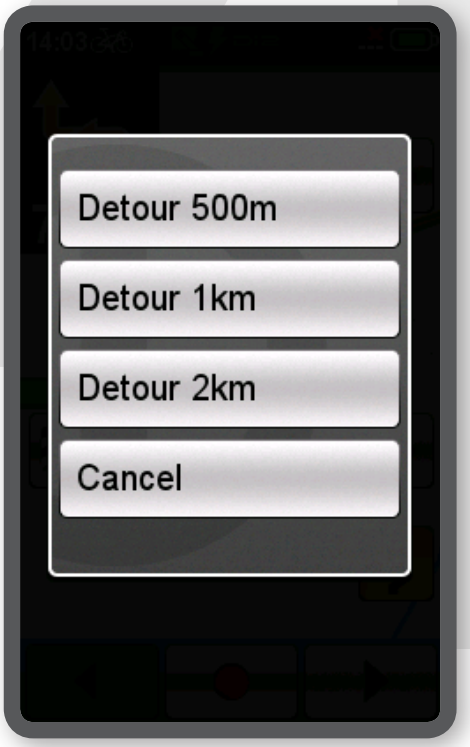
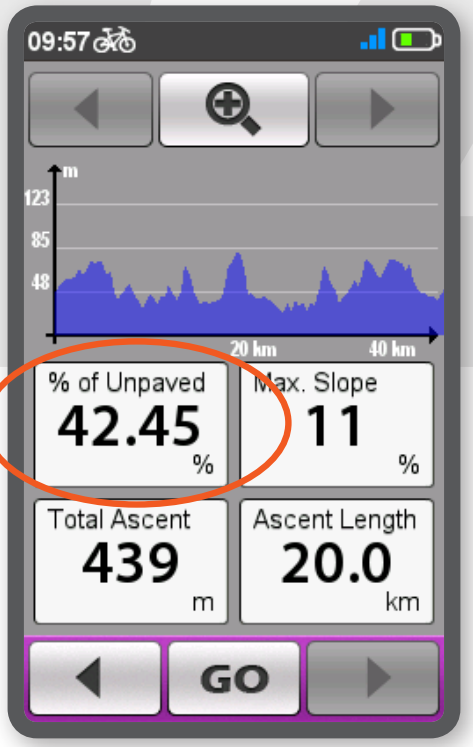
# 9. Cyclo™ 300, 310 and 500 full series
# Block roads



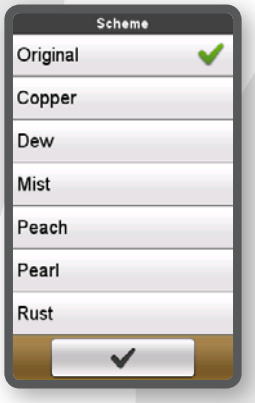

- In case of closed roads, you can easily add a detour
- Add the detour via the button directly on the map screen
- A detour of 500m, 1km or 2km can be chosen

# 10. Cyclo™ 300, 310 and 500 full series MTB unpaved roads percentage



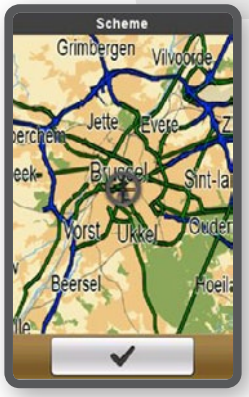

- The Cyclo™ 300, 310 and 500 series now feature improved MTB route calculation, by displaying the percentage of unpaved roads for any Surprise Me™ track, in the MTB profile.

# 11. Cyclo™ 300, 310 and 500 full series Different map schemes



Original

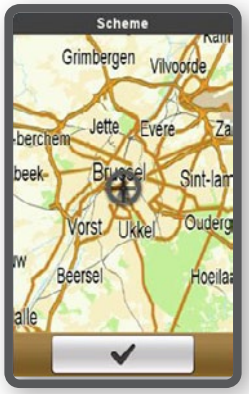
Dew




Copper

Mist

Peach




Pearl

Rust

- Choose your own favorite!

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# 12. Cyclo™ 300, 310 and 500 full series Added odometer

- The odometer can be found in History
- Provides all details on all your rides, both recorded and not recorded
- All cycling profiles (racebike, MTB, city bike & indoor trainer) will be taken into account (no running or car)

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# Other improvements

- **Sharing active tracks is now also possible manually, without doing a "Shake & Share".**
- **Page sliding – allowing to swipe with finger to move to other screen**
- **Improved ANT+ powermeter support - Quarq, SRM, CycleOps Powertap**
- **Voice instructions can be provided on Cyclo 500 series - when connected to headset (Android™ only)**

- Improved track navigation
- Recalculation of track when changing the route settings
- Able to select tracks based on closest distance
- Add message in Main menu when device is locked
- Improved visibility when following a route over unpaved roads
- Surprise Me™: Show only the arrows for the selected route
- Able to select position on map or enter coordinates for home address
- Allow navigation to the centre of a post code
- Streets are shown on higher zoom level

- In total more than 150 improvements are included in Cyclo v4.0

# Software & hardware comparison charts

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# Software comparison sheet

| | Cyclo 300 | Cyclo 305 | Cyclo 310 | Cyclo 315 | Cyclo 500 | Cyclo 505 |
|---|---|---|---|---|---|---|
| Customizable dashboard | √ | √ | √ | √ | √ | √ |
| Workout function | √ | √ | √ | √ | √ | √ |
| Detailed history | √ | √ | √ | √ | √ | √ |
| Temperature | √ | √ | √ | √ | √ | √ |
| Barometric altitude | √ | √ | √ | √ | √ | √ |
| POI- LIST | √ | √ | √ | √ | √ | √ |
| Road block | √ | √ | √ | √ | √ | √ |
| Surprise Me Loop | √ | √ | √ | √ | √ | √ |
| Surprise Me A to B | √ | √ | √ | √ | √ | √ |
| Importing Track | √ | √ | √ | √ | √ | √ |
| Shake &Share active tracks | - | √ | - | √ | - | √ |
| Indoor training | - | √ | - | √ | - | √ |

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# Software comparison sheet

| | Cyclo 300 | Cyclo 305 | Cyclo 310 | Cyclo 315 | Cyclo 500 | Cyclo 505 |
|---|---|---|---|---|---|---|
| ANT+ Trainer support | - | - | - | - | - | √ |
| ANT+ Heart Rate Sensor | - | √ | - | √ | - | √ |
| ANT+ Speed & Cadence | - | √ | - | √ | - | √ |
| ANT+ Power Sensor | - | - | - | - | - | √ |
| BT Heart Rate Sensor | - | - | - | - | √ | √ |
| BT Speed & Cadence | - | - | - | - | √ | √ |
| Di2 support | - | √ | - | √ | - | √ |
| Voice Instructions | - | - | - | - | Android only | Android only |
| Music control | - | - | - | - | Android & iOS | Android & iOS |
| Playlist control | - | - | - | - | iOS only | iOS only |
| Incoming message alert | - | - | - | - | Android & iOS | Android & iOS |
| Incoming call alert | - | - | - | - | Android & iOS | Android & iOS |
| Answer incoming call | - | - | - | - | √ | √ |
| Where am I | √ | √ | √ | √ | √ | √ |
| Send Where am I text message | - | - | - | - | Android only | Android only |

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# Hardware comparison sheet

| | Cyclo 300 | Cyclo 305 | Cyclo 310 | Cyclo 315 | Cyclo 500 | Cyclo 505 |
|---|---|---|---|---|---|---|
| **Dimensions mm (w x h x d)** | 67x121x18 | 67x121x18 | 61x103x18,9 | 61x103x18,9 | 61x103x18,9 | 61x103x18,9 |
| **Weight** | 156g | 156g | 129g | 129g | 129g | 129g |
| **HW** | | | | | | |
| **Screen** | 3 inch | 3 inch | 3 inch | 3 inch | 3 inch | 3 inch |
| **CPU** | Samsung 2450 | Samsung 2450 | Samsung 6443 | Samsung 6443 | Samsung 6443 | Samsung 6443 |
| **Battery** | up to 12h | up to 12h | up to 12h | up to 12h | up to 12h | up to 12h |
| **Memory** | 4GB | 4GB | 4GB | 4GB | 4GB | 4GB |
| **ANT+** | - | √ | - | √ | - | √ |
| **Bluetooth 4.0 (Low energy)** | - | - | - | - | √ | √ |
| **WIFI upload** | - | - | - | - | √ | √ |
| **IPX 7** | √ | √ | √ | √ | √ | √ |
| **Buzzer instructions** | √ | √ | √ | √ | √ | √ |

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V4

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